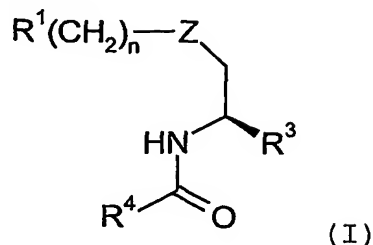


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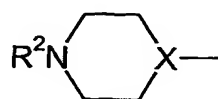
## CLAIMS

1. A compound of formula (I)



5 in which:-

$\text{R}^1$  represents pyrrolidin-1-yl, piperidin-1-yl or a group of formula



in which X represents CH or N;

10  $\text{R}^2$  represents a hydrogen atom or a (1-6C)alkyl, (3-6C)cycloalkyl, fluoro(1-4C)alkyl, fluoro(2-4C)alkanoyl, hydroxy(2-4C)alkyl or pyridyl group;

$n$  represents 1, 2 or 3;

15 Z represents  $\text{CH}_2$ , O or  $\text{NR}^5$ , in which  $\text{R}^5$  represents a hydrogen atom or a (1-4C)alkyl group, provided that when  $\text{R}^1$  represents pyrrolidin-1-yl, piperidin-1-yl or a group of formula



and Z represents O or  $\text{NR}^5$ , then  $n$  represents 2 or 3;

20  $\text{R}^3$  represents:-

(i) phenyl which is unsubstituted or substituted by methylenedioxy or by a substituent selected from halogen, (1-4C)alkyl, hydroxy, (1-4C)alkoxy, trifluoromethyl, difluoromethoxy, trifluoromethoxy, (1-4C)alkylthio, (1-4C)alkylsulfinyl, (1-4C)alkylsulfonyl, carboxy, 25 aminocarbonyl, amino, (2-4C)alkanoylamino, aminosulfonyl,

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(1-4C)alkylaminosulfonyl, nitro, phenyl, phenoxy, benzyloxy and pyridyl;

(ii) pyridyl, pyrimidyl or pyridazinyl, which is unsubstituted or substituted by a halogen atom;

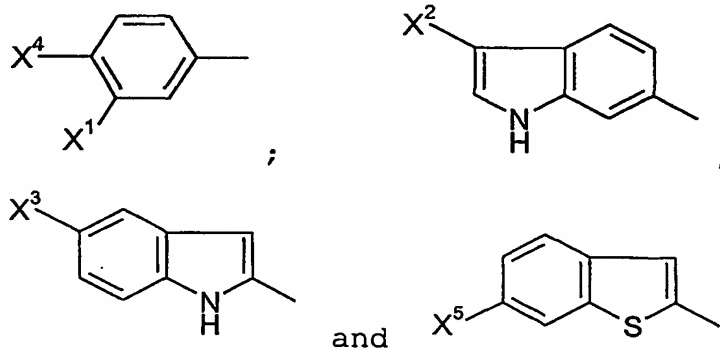
5 (iii) furyl, thienyl, imidazolyl, thiazolyl, isothiazolyl, oxazolyl, isoxazolyl, thiadiazolyl, each of which is unsubstituted or substituted by (1-4C)alkyl or amino;

10 (iv) naphthyl, benzofuryl, benzothienyl, quinolyl or isoquinolyl;

(v) (3-6C)cycloalkyl; or

(vi) (1-4C)alkyl, which is unsubstituted or substituted by hydroxy, (1-4C)alkoxy, phenoxy, carboxy, aminocarbonyl, aminosulfonyl, (1-4C)alkylthio, phenylthio, pyridylthio, 15 amino, (1-4C)alkylamino, di(1-4C)alkylamino, piperidin-1-yl, morpholino, trifluoromethyl, phenyl, imidazolyl, pyridyl, (3-6C)cycloalkyl, oxa(4-6C)cycloalkyl, or aza(4-6C)cycloalkyl (which may bear an N-(1-4C)alkyl substituent); and

20  $R^4$  is selected from



in which

25  $X^1$  represents a hydrogen atom, a halogen atom or an amino group;

$X^2$  represents a hydrogen atom, a methyl group, a chlorine atom or a bromine atom;

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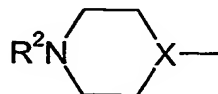
$X^3$  represents a hydrogen atom, a methyl group or a halogen atom;

$X^4$  represents a chlorine atom, a methoxy group or a methyl group; and

5         $X^5$  represents a hydrogen atom, a halogen atom or a methyl group;

or a pharmaceutically acceptable salt thereof.

2. A compound as claimed in Claim 1, in which  $R^1$   
10 represents a group of formula



in which  $X$  represents  $CH$  or  $N$ .

3. A compound as claimed in Claim 2, in which  $X$  represents  
15  $CH$ .

4. A compound as claimed in any one of Claims 1 to 3, in  
which  $R^2$  represents a (1-6C)alkyl, (3-6C)cycloalkyl,  
fluoro(1-4C)alkyl, fluoro(2-4C)alkanoyl, hydroxy(2-4C)alkyl  
20 or pyridyl group.

5. A compound as claimed in Claim 2, in which  $R^2$   
represents a methyl, ethyl, isopropyl, cyclopropyl,  
cyclopentyl, 2-fluoroethyl, 2,2,2-trifluoroethyl,  
25 trifluoroacetyl, 2-hydroxyethyl or pyrid-4-yl group.

6. A compound as claimed in any one of Claims 1 to 5, in  
which  $R^2$  represents a isopropyl, cyclopropyl, cyclopentyl or  
pyrid-4-yl group.

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7. A compound as claimed in any one of Claims 1 to 6, in  
which  $n$  represents 1 or 2.

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8. A compound as claimed in Claim 7, in which n represents 1.

5 9. A compound as claimed in any one of Claims 1 to 8, in which Z represents CH<sub>2</sub>.

10. A compound as claimed in any one of Claims 1 to 8, in which Z represents O.

10

11. A compound as claimed in any one of Claims 1 to 8, in which Z represents NR<sup>5</sup>.

12. A compound as claimed in Claim 11, in which R<sup>5</sup> is hydrogen.

15

13. A compound as claimed in any one of Claims 1 to 12, in which R<sup>3</sup> represents:-

(i) phenyl, 2,3-methylenedioxyphenyl, 2-fluorophenyl, 4-fluorophenyl, 2-chlorophenyl, 2-methylphenyl, 2-methoxyphenyl, 2-trifluoromethylphenyl, 2-difluoromethoxyphenyl, 4-carboxyphenyl or 4-aminocarbonylphenyl;

20

(ii) pyrid-2-yl or pyrid-4-yl;

25

(iii) fur-2-yl, fur-3-yl, thien-2-yl, thien-3-yl, imidazol-2-yl, thiazol-2-yl, thiazol-4-yl, 2-methylthiazol-4-yl or 2-aminothiazol-4-yl;

(iv) naphth-1-yl, naphth-2-yl, benzofuryl, benzothienyl, quinolin-4-yl or quinolin-8-yl;

30

(v) cyclopropyl, cyclobutyl, cyclopentyl or cyclohexyl; or

(vi) methyl, ethyl, propyl, isopropyl, butyl, 2-methylpropyl, hydroxymethyl, 1-hydroxyethyl, methoxymethyl, 1-methoxyethyl, methylthiomethyl, 2-methylthioethyl, prop-2-

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ylthiomethyl, N,N-dimethylaminomethyl, phenylthiomethyl, pyrid-2-ylthiomethyl, carboxymethyl, 2-carboxyethyl, aminocarbonylmethyl, 2-aminocarbonylethyl, morpholinomethyl, 2,2,2-trifluoroethyl, benzyl, pyrid-2-ylmethyl, pyrid-3-ylmethyl, pyrid-4-ylmethyl, imidazol-1-ylmethyl, imidazol-4-ylmethyl, 3-methylimidazol-4-ylmethyl, cyclohexyl-4-ylmethyl, tetrahydropyran-4-ylmethyl, piperidin-1-ylmethyl or 1-methylpiperidin-4-ylmethyl.

10 14. A compound as claimed in Claim 13, in which R<sup>3</sup> represents phenyl, 2-fluorophenyl or 2-chlorophenyl.

15 15. A compound as claimed in Claim 12, in which R<sup>3</sup> represents phenyl.

16. A compound as claimed in any one of Claims 1 to 15, in which X<sup>2</sup> represents a hydrogen atom or a halogen atom.

17. A compound as claimed in Claim 16, in which  
20 X<sup>2</sup> represents a hydrogen atom or a fluorine atom;  
X<sup>3</sup> represents a hydrogen atom, a chlorine atom or a methyl group;  
X<sup>4</sup> represents a chlorine atom;  
X<sup>5</sup> represents a chlorine atom or a methoxy group; and  
25 X<sup>6</sup> represents a chlorine atom.

18. A compound as claimed in Claim 17, in which R<sup>2</sup> is 4-chlorophenyl, 4-methoxyphenyl, indol-6-yl, 3-methylindol-6-yl, 3-chloroindol-6-yl, 5-chloroindol-2-yl or 6-chlorobenzo[b]thiophen-2-yl.  
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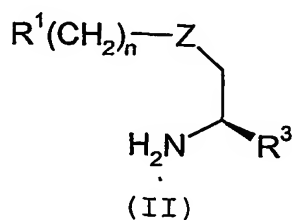
19. A compound as claimed in Claim 18, in which R<sup>2</sup> is 4-methoxyphenyl, indol-6-yl or 5-chloroindol-2-yl.

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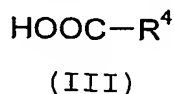
20. A pharmaceutical composition, which comprises a compound as claimed in any one of Claims 1 to 19, together with a pharmaceutically acceptable diluent or carrier.

5 21. A process for preparing a compound as claimed in any one of Claims 1 to 19, which comprises

(a) reacting a compound of formula (II)



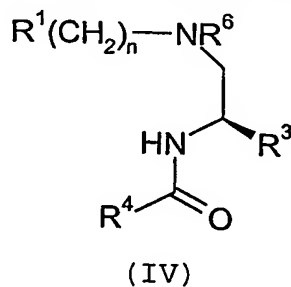
10 or a salt thereof, with a compound of formula (III)



or a reactive derivative thereof;

15 (b) for a compound of formula I in which  $\text{R}^2$  represents a (1-6C)alkyl, (3-6C)cycloalkyl, fluoro(1-4C)alkyl, fluoro(2-4C)alkanoyl or hydroxy(2-4C)alkyl, reacting a corresponding compound of formula (I) in which  $\text{R}^2$  represents a hydrogen atom, or a salt thereof, with an alkylating or  
20 acylating agent;

(c) for a compound of formula (I) in which Z represents NH, deprotecting a compound of formula



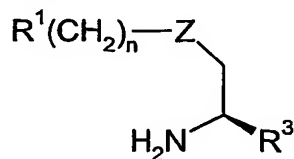
25 in which  $\text{R}^6$  represents an amino protecting group;

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(d) for a compound of formula (I) in which  $R^2$  represents a hydrogen atom, deprotecting a compound of formula (I) in which  $R^2$  represents a protecting group;

5 followed, if a pharmaceutically acceptable salt is desired, by forming a pharmaceutically acceptable salt.

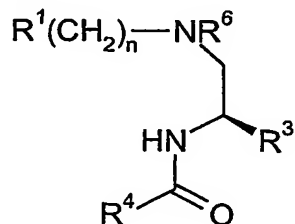
22. A compound of formula (II)



(II)

10 or a salt thereof, in which  $R^1$ ,  $n$ ,  $Z$  and  $R^3$  are as defined in any one of Claims 1 to 19.

23. A compound of formula (IV)



(IV)

15 or a salt thereof, in which  $R^6$  represents an amino protecting group, and  $R^1$ ,  $R^3$  and  $R^4$  are as defined in any one of Claims 1 to 19.

20 24. A compound as claimed in any one of Claims 1 to 19, for use in therapy.

25 25. Use of a compound as claimed in any one of Claims 1 to 19, for the manufacture of a medicament for the treatment of a thrombotic disorder.

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26. A method of treating a thrombotic disorder in a mammal requiring treatment, which comprises administering an effective amount of a compound as claimed in Claim 1.